



A service of the National Library of Medicine  
and the National Institutes of Health

My NCBI [\[?\]](#)  
[Sign In] [Register]

All Databases

PubMed

Nucleotide

Protein

Genome

Structure

OMIM

PMC

Journals

Books

Search

Limits  Preview/Index  History  Clipboard  Details

Display

Show

All: 1

About Entrez

Text Version

Entrez PubMed

Overview

Help | FAQ

Tutorials

New/Noteworthy

E-Utilities

PubMed Services

Journals Database

MeSH Database

Single Citation Matcher

Batch Citation Matcher

Clinical Queries

Special Queries

LinkOut

My NCBI

- If making selections (e.g., Subheadings, etc.), use the Send to Search Box feature to see PubMed records with those specifications.
- Select PubMed under the Links menu to retrieve all records for the MeSH Term.
- Select NLM MeSH Browser under the Links menu for additional information.

### 1: Cyclin-Dependent Kinase Inhibitor p16

Links

A product of the p16 tumor suppressor gene (GENES, P16). It is also called INK4 or INK4A because it is the prototype member of the INK4 CYCLIN-DEPENDENT KINASE INHIBITORS. This protein is produced from the alpha mRNA transcript of the p16 gene. The other gene product, produced from the alternatively spliced beta transcript, is TUMOR SUPPRESSOR PROTEIN P14ARF. Both p16 gene products have tumor suppressor functions.

Year introduced: 2006(1994)

Subheadings: This list includes those paired at least once with this heading in MEDLINE and may not reflect current rules for allowable combinations.

analysis  antagonists and inhibitors  biosynthesis  blood  chemistry  
 deficiency  diagnostic use  drug effects  genetics  immunology  isolation and purification  metabolism  pharmacology  physiology  radiation effects  
 secretion  therapeutic use  ultrastructure

Restrict Search to Major Topic headings only

Do Not Explode this term (i.e., do not include MeSH terms found below this term in the MeSH tree).

Entry Terms:

- Cyclin Dependent Kinase Inhibitor p16
- Cdk4-Associated Protein p16
- Cdk4 Associated Protein p16
- CDKN2 Protein
- CDKN2A Protein
- MTS1 Protein
- p16INK4 Protein
- p16INK4A Protein
- p16(INK4A)
- INK4A Protein
- Protein, INK4A

- Cyclin-Dependent Kinase Inhibitor-2A
- Cyclin Dependent Kinase Inhibitor 2A
- Multiple Tumor Suppressor-1
- Multiple Tumor Suppressor 1

## Previous Indexing:

- Carrier Proteins (1994-1997)

## See Also:

- Genes. p16
- Tumor Suppressor Protein p14ARF

[All MeSH Categories](#)

[Chemicals and Drugs Category](#)

[Amino Acids, Peptides, and Proteins](#)

[Proteins](#)

[Cell Cycle Proteins](#)

[Cyclin-Dependent Kinase Inhibitor Proteins](#)

**Cyclin-Dependent Kinase Inhibitor p16**

[All MeSH Categories](#)

[Chemicals and Drugs Category](#)

[Amino Acids, Peptides, and Proteins](#)

[Proteins](#)

[Neoplasm Proteins](#)

[Tumor Suppressor Proteins](#)

[Cyclin-Dependent Kinase Inhibitor Proteins](#)

**Cyclin-Dependent Kinase Inhibitor  
p16**

Display

Show

[Write to the Help Desk](#)

[NCBI | NLM | NIH](#)

[Department of Health & Human Services](#)

[Privacy Statement | Freedom of Information Act | Disclaimer](#)

Aug 14 2006 08:07:58